EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	27	(cookson and ostrover).in.	USPAT	OR	ON	2006/05/16 10:25
S4	47	(cookson and ostrover).in.	US-PGPUB; USPAT	OR	ON	2006/05/16 10:18
S7	20	(cookson and ostrover).in.	US-PGPUB	OR	ON	2006/05/16 11:50
S8	433	"369".clas. and ((dual double second two) near2 side$1 near4 (disc disk medium))	US-PGPUB	OR	ON	2006/05/16 12:04
S9	33	"369".clas. and ((dual double second two) near2 side$1 near4 (disc disk medium)) and (lead$1in ((run lead) adj1 in) run$1in) and (lead$1out ((run lead) adj1 out) run$1out) and ((re$1focus$4 focus$4 middle) near3 (region area))	US-PGPUB	OR	ON	2006/05/16 12:04
S10	1543	"369".clas. and ((dual double second two) near2 side$1 near4 (disc disk medium))	US-PGPUB; USPAT	OR	ON	2006/05/16 14:39
S11	35	"369".clas. and ((dual double second two) near2 side$1 near4 (disc disk medium)) and (lead$1in ((run lead) adj1 in) run$1in) and (lead$1out ((run lead) adj1 out) run$1out) and ((re$1focus$4 focus$4 middle) near3 (region area))	US-PGPUB; USPAT	OR	ON	2006/05/16 12:08
S12	18	"369".clas. and ((dual double second two) adj2 side$1 near4 (disc disk medium)) and (lead$1in ((run lead) adj1 in) run$1in) and (lead$1out ((run lead) adj1 out) run$1out) and ((re$1focus$4 focus$4 middle) near3 (region area))	US-PGPUB; USPAT	OR	ON	2006/05/16 14:52
S13	18	"369".clas. and (((dual double second two) adj2 side$1) near4 (disc disk medium)) and (lead$1in ((run lead) adj1 in) run$1in) and (lead$1out ((run lead) adj1 out) run$1out) and ((re$1focus$4 focus$4 middle) near3 (region area))	US-PGPUB; USPAT	OR	ON	2006/05/16 13:55

EAST Search History

S14	30	("6603714" "5563855" "5253242" "5418774" "5406534" "5761160" "5485452" "5796688" re36445 "6576319" "6172957" "6014364" "5949752" "5905707" "5729525" "5706269" "5703868" "5696743" "5648954" "5608718" "5608717" "5606546" "5533001" "5518325" "5470627" "5255260" "5235575" "4890273" "4729938" "3999009").pn.	US-PGPUB; USPAT	OR	ON	2006/05/16 14:02
S15	8	("4873679" | "4903140" | "4929946" | "5235575" | "5253242" | "5469418" | "5633847" | "5970029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:25
S16	97	"369".clas. and (((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 ((layer$2 surface) near2 (information record$3 writ$3))))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:12
S17	8	("4873679" | "4903140" | "4929946" | "5235575" | "5253242" | "5469418" | "5633847" | "5970029").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/16 14:43
S18	1195	"369".clas. and ((dual double second two) adj2 side$1 near4 (disc disk medium))	US-PGPUB; USPAT	OR	ON	2006/05/16 14:52
S19	16	S18 and ((both near3 sides) with (((unnecessary "not necessary" without) near3 (paus$3 stop$4)) ((continu$6 sequential$2) near3 (read$3 repoduc$4 writ$3 record$3))))	US-PGPUB; USPAT	OR	ON	2006/05/16 14:56
S20	55	S18 and ((both near3 sides) with (((unnecessary "not necessary" without) near3 (paus$3 stop$4)) ((continu$6 sequential$2 simultaneous$2) near3 (read$3 repoduc$4 writ$3 record$3))))	US-PGPUB; USPAT	OR	ON	2006/05/16 14:57

EAST Search History

S21	4	"369".clas. and (((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 ((layer$2 surface) near2 (information record$3 writ$3)))) and ((run$1in lead$1in ((run lead) near2 in)) near5 (inner hub)) and ((run$1out lead$1out ((run lead) near2 out)) near5 (inner hub))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:27
S22	9	"369".clas. and (((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3))))) and ((run$1in lead$1in ((run lead) near2 in)) near5 (inner hub)) and ((run$1out lead$1out ((run lead) near2 out)) near5 (inner hub))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:29
S23	199	"369".clas. and (((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3)))))	US-PGPUB; USPAT	OR	ON	2006/05/17 13:06
S24	5	S22 not S21	US-PGPUB; USPAT	OR	ON	2006/05/16 15:29
S25	20	S23 and (otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:30
S26	109	"369".clas. and (otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:36
S27	18	S18 and (otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:32
S31	93	"369".clas. and (otp (opposite adj1 track adj1 path) same (outer middle) same (run$1in lead$1in ((run lead) near2 in)) same (run$1out lead$1out ((run lead) near2 out))) and (otp (opposite adj1 track adj1 path) same (inner hub hole) same (run$1in lead$1in ((run lead) near2 in)) same (run$1out lead$1out ((run lead) near2 out)))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:44

EAST Search History

S33	83	"369".clas. and ((otp (opposite adj1 track adj1 path)) same (inner hub))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:43
S34	49	"369".clas. and ((otp (opposite adj1 track adj1 path)) same (outer middle) same (run$1in lead$1in ((run lead) near2 in)) same (run$1out lead$1out ((run lead) near2 out)))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:44
S35	44	"369".clas. and ((otp (opposite adj1 track adj1 path)) same (outer middle) same (run$1in lead$1in ((run lead) near2 in)) same (run$1out lead$1out ((run lead) near2 out))) and ((otp (opposite adj1 track adj1 path)) same (inner hub hole) same (run$1in lead$1in ((run lead) near2 in)) same (run$1out lead$1out ((run lead) near2 out)))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:51
S36	49	"369".clas. and ((otp (opposite adj1 track adj1 path)) same (outer middle) same (run$1in lead$1in ((run lead) near2 in)) same (run$1out lead$1out ((run lead) near2 out)))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:52
S37	49	"369".clas. and ((otp (opposite adj1 track adj1 path)) same (outer middle peripher$3) same (run$1in lead$1in ((run lead) near2 in)) same (run$1out lead$1out ((run lead) near2 out)))	US-PGPUB; USPAT	OR	ON	2006/05/16 15:52
S38	33	S37 not "49"	US-PGPUB; USPAT	OR	ON	2006/05/16 15:52
S39	5	S37 not S35	US-PGPUB; USPAT	OR	ON	2006/05/17 10:28
S41	20	"369".clas. and (((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3))))) and (otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2006/05/17 13:09
S42	61	"369".clas. and "dvd-18"	US-PGPUB; USPAT	OR	ON	2006/05/17 13:09

S43	20	"369".clas. and (((((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3))))) ("dvd-18" (dvd adj1 "18"))) and (otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2006/05/17 13:12
S44	250	"369".clas. and (((((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3))))) ("dvd-18" (dvd adj1 "18")))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:14
S45	252	"369".clas. and (((((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two multiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3))))) ("dvd-18" (dvd adj1 "18")))	US-PGPUB; USPAT	OR	ON	2006/05/17 13:26
S46	0	"369".clas. and (((((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two muiltiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3))))) ("dvd-18" (dvd adj1 "18"))) same (otp (opposite adj1 track adj1 path))	US-PGPUB; USPAT	OR	ON	2006/05/17 13:12
S47	232	S45 not S43	US-PGPUB; USPAT	OR	ON	2006/05/17 13:15
S48	103	S44 and ((order sequen$6) with (read$3 reproduc$4) with (layer surface side))	US-PGPUB; USPAT	OR	ON	2006/05/17 13:27
S49	5	("4807204" "5418774" "5406534" "5253242" "5761160").pn.	USPAT	OR	ON	2006/05/17 14:59
S50	37	"369".clas. and ((run$1in lead$1in ((run lead) near2 in)) near3 ((outer outermost outside) near2 (circumferance peripher$2 diameter radius)))	USPAT	OR	ON	2006/05/17 16:59

EAST Search History

S53	10	("5,406,534" "5,311,497" "5,097,465" "20030063549" "20030123338" "5,621,713" "20010008510" "6,618,341" "10021633" "11007669").pn.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:00
S54	28	"369".clas. and ((("4" four) adj1 layer) near5 dvd$4)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:23
S55	28	("369" "720").clas. and ((("4" four) adj1 layer) near5 dvd$4)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:30
S56	17	720/668.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:33
S57	853	(369/94 369/195 369/199 369/200).ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:33
S58	64	(369/200).ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:36
S59	125	(369/199).ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:34
S60	137	(369/195).ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:34
S61	580	(369/94).ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:34
S62	62	(369/200).ccls.	US-PGPUB; USPAT	OR	ON	2006/05/17 17:35
S63	209	(369/199 369/195).ccls. not S62	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:37
S64	3	((369/199 369/195).ccls. not S62) and ((((dual double second two) adj2 side$1) with (disc disk medium) with ((dual double second two multiple plural$3) adj2 (layer ((layer$2 surface) near2 (information record$3 writ$3))))) ("dvd-18" (dvd adj1 "18")))	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:49
S65	78	"369".clas. and (search$3 near5 (run$1in lead$1in ((run lead) near2 in)))	US-PGPUB; USPAT; JPO	OR	ON	2006/05/17 17:50
S66	0	"369".clas. and ("middle layer" near5 refocus$3)	USPAT	OR	ON	2006/05/17 18:31

S67	0	"369".clas. and ("middle layer" near5 refocus$3)	US-PGPUB; USPAT	OR	ON	2006/05/17 18:31
S68	0	"369".clas. and ("middle layer" near5 $2focus$3)	US-PGPUB; USPAT	OR	ON	2006/05/17 18:32
S69	51	"369".clas. and ("middle layer")	US-PGPUB; USPAT	OR	ON	2006/05/17 18:41
S70	0	"369".clas. and ("middle layer" with focus$4)	US-PGPUB; USPAT	OR	ON	2006/05/17 18:32
S71	9	"369".clas. and ("middle layer" same focus$4)	US-PGPUB; USPAT	OR	ON	2006/05/17 18:33
S72	1	"369".clas. and ("middle layer" same dvd)	US-PGPUB; USPAT	OR	ON	2006/05/17 18:33
S73	182	"369".clas. and ((focus$4 near3 layer) with ((multi multiple) near3 layer))	US-PGPUB; USPAT	OR	ON	2006/05/17 18:49
S74	88	"369".clas. and ((focus$4 near3 layer) with ((multi multiple) near3 layer)) and (("4" four) near3 (layer (surface near2 (recording writ$3 information))))	US-PGPUB; USPAT	OR	ON	2006/05/17 18:50
S75	71	"369".clas. and ((focus$4 near3 layer) with ((multi multiple) near3 layer)) and (("4" four) near2 (layer (surface near2 (recording writ$3 information))))	US-PGPUB; USPAT	OR	ON	2006/05/17 18:51
S76	26	"369".clas. and ((focus$4 adj2 layer) with ((multi multiple) near3 layer)) and (("4" four) near2 (layer (surface near2 (recording writ$3 information))))	US-PGPUB; USPAT	OR	ON	2006/05/17 18:50
S77	61	"369".clas. and ((focus$4 near3 layer) with ((multi multiple) near3 layer)) and (("4" four) adj2 (layer (surface near2 (recording writ$3 information))))	US-PGPUB; USPAT	OR	ON	2006/05/17 18:54
S78	1	"369".clas. and ((focus$4 near3 (area region)) with ((multi multiple) near3 layer)) and (("4" four) adj2 (layer (surface near2 (recording writ$3 information))))	US-PGPUB; USPAT	OR	ON	2006/05/17 20:00
S80	2	("6552982" "6411575").pn.	US-PGPUB; USPAT	OR	ON	2006/05/17 19:00
S81	142	("720" "369").clas. and ((read$3 reproduc$4) with (first adj1 side) with (second adj side))	US-PGPUB; USPAT	OR	ON	2006/05/17 19:01

S82	8	("720" "369").clas. and ((read$3 reproduc$4) with (first adj1 side) with (second adj side) with (then follow$3 next sequen$6))	US-PGPUB; USPAT	OR	ON	2006/05/17 19:02
S83	23	("4519055" | "4807208" | "5067116" | "5099465" | "5153862" | "5214628" | "5235575" | "5235579" | "5257111" | "5448373" | "5502703" | "5559776" | "5561657" | "5613745" | "5615184" | "5671196" | "5682364" | "5692878" | "5719725" | "5748585" | "5754502" | "5761160" | "5852593").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 19:06
S84	3	("6504798").URPN.	USPAT	OR	ON	2006/05/17 19:06
S85	0	"369".clas. and ((focus$4 near3 (setting calibrat$3 in) near3 (area region)) with ((multi multiple) near3 layer)) and (("4" four) adj2 (layer (surface near2 (recording writ$3 information))))	US-PGPUB; USPAT	OR	ON	2006/05/17 20:01
S86	0	"369".clas. and ((focus$4 near3 (setting calibrat$3 in) near3 (area region)) with ((multi multiple second plural$3) near3 layer)) and (("4" four) adj2 (layer (surface near2 (recording writ$3 information))))	US-PGPUB; USPAT	OR	ON	2006/05/17 20:01
S87	3	"369".clas. and ((focus$4 near3 (setting calibrat$3 in) near3 (area region)) with ((multi multiple second plural$3) near3 layer))	US-PGPUB; USPAT	OR	ON	2006/05/17 20:14
S88	7	"369".clas. and (contiguous$2 near3 (read$3 reproduc$4 writ$3 access$3 recording) near5 ((multiple multi plural$3 second fourth four) near3 (layer (surface near2 (information record$3 writ$3)))))	US-PGPUB; USPAT	OR	ON	2006/05/17 20:16
S89	8	("4450553" | "5253242" | "5406534" | "5418774" | "5488593" | "5563855" | "5656348" | "5694387").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 20:33
S90	47	"369".clas. and ((middle near2 (area region zone)) same (otp (opposite near2 path)))	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 20:35

S91	8	("4450553" | "5253242" | "5406534" | "5418774" | "5488593" | "5563855" | "5656348" | "5694387").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/17 20:55
S92	270	"369".clas. and (((dual double second two) adj2 side$1) same (outer$4 adj3 to inner$4))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:27
S93	0	"369".clas. and (((dual double second two) adj2 side$1) same ((outer outermost outside) adj3 to adj3 (inner innermost inside)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:28
S94	0	"369".clas. and (((dual double second two) adj2 side$1) same (from adj (outer outermost outside) adj to adj (inner innermost inside)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:22
S95	0	"369".clas. and ((from adj (outer outermost outside) adj to adj (inner innermost inside)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:19
S96	41821	"369".clas.	US-PGPUB; USPAT	OR	ON	2006/05/17 21:19
S97	663	"369".clas. and "second side"	US-PGPUB; USPAT	OR	ON	2006/05/17 21:19
S98	0	"369".clas. and "second side" and (from adj outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:20
S99	0	"369".clas. and "second side" and (from near2 outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:19
S100	0	"369".clas. and "second side" and ("from" adj outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:21
S101	0	"369".clas. and "second side" and ("from" adj3 outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:21
S102	0	"369".clas. and "second side" and ("from" adj6 outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:21
S103	0	"369".clas. and "second side" and ("from" near1 outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:21
S104	0	"369".clas. and "second side" and ("from" near6 outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:21
S105	0	"369".clas. and (((dual double second two) adj2 side$1) same (from with (outer outermost outside) with to with (inner innermost inside)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:22
S106	0	"369".clas. and (((dual double second two) adj2 side$1) same (from with (outer outermost outside) with "to" with (inner innermost inside)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:22

S10 7	0	"369".clas. and (((dual double second two) near2 side$1) same (from with (outer outermost outside) with "to" with (inner innermost inside)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:22
S10 8	23	"5881032"	US-PGPUB; USPAT	OR	ON	2006/05/17 21:22
S10 9	1	"5881032".pn.	US-PGPUB; USPAT	OR	ON	2006/05/17 21:23
S11 0	1	"5881032".pn. and (((dual double second two) near2 side$1))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:24
S11 1	0	"5881032".pn. and (((dual double second two) near2 side$1) same (from))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:25
S11 2	0	"5881032".pn. and (((dual double second two) near2 side$1) and (from))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:24
S11 3	1	"5881032".pn. and (((dual double second two) near2 side$1) same (optical))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:26
S11 4	0	"5881032".pn. and (((dual double second two) near2 side$1) same (optical) same from)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:26
S11 5	0	"5881032".pn. and (((dual double second two) near2 side$1) same (optical) same to)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:26
S11 6	1	"5881032".pn. and (((dual double second two) near2 side$1) same (optical) same inside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:26
S11 7	1	"5881032".pn. and (((dual double second two) near2 side$1) same (optical) same inside same outside)	US-PGPUB; USPAT	OR	ON	2006/05/17 21:26
S11 8	22	"369".clas. and (((dual double second two) adj2 side$1) same (outer$4 adj3 inner$4))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:27
S11 9	48	"369".clas. and (((dual double second two) adj2 side$1) same ((outer outermost outside) adj5 (inner innermost inside)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:38
S12 0	2	"369".clas. and (((dual double second two) adj2 side$1) same (counter$1clockwise with clockwise with (track spiral$2)))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:46
S12 1	4	"369".clas. and (((dual double second two) adj2 side$1) same (outward$2 with inward$2))	US-PGPUB; USPAT	OR	ON	2006/05/17 21:48

S12 2	42	"369".clas. and ((dual double second two) adj2 side$1) and ((outward$2 with inward$2 with (mov$5 progressing)))	US-PGPUB; USPAT	OR	ON	2006/05/18 13:19
S12 3	28	"369".clas. and ((lead$1in (lead adj in)) with (lead$1out (lead adj out)) with (reliab$5 better enhanc$4 improv$5))	US-PGPUB; USPAT	OR	ON	2006/05/18 13:35
S12 4	45	"369".clas. and ((lead$1in (lead adj in)) with (lead$1out (lead adj out)) with (reason purpose))	US-PGPUB; USPAT	OR	ON	2006/05/18 13:35
S12 5	70	"369".clas. and ((lead$1in (lead adj in))`with (lead$1out (lead adj out)) with (reason purpose function))	US-PGPUB; USPAT	OR	ON	2006/05/18 13:35
S12 6	7	"369".clas. and ((lead$1in (lead adj in)) near4 (lead$1out (lead adj out)) near3 (reason purpose function))	US-PGPUB; USPAT	OR	ON	2006/05/18 13:36